## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	388025	(flow near3 rate) or (spray near3 pattern)	US-PGPUB; USPAT	OR	ON	2007/03/24 12:18
L2	671331	nozzle or spray or gun	US-PGPUB; USPAT	OR	ON	2007/03/24 12:18
L3	9427	vibrat\$9 with L2	US-PGPUB; USPAT	OR	ON	2007/03/24 12:19
L4	381	L3 same L1	US-PGPUB; USPAT	OR	ON	2007/03/24 12:19
L5	123	L4 same (frequency or duty or cycle or waveform or wave)	US-PGPUB; USPAT	OR	ON	2007/03/24 12:20
L6	834348	vibration\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4	US-PGPUB; USPAT	OR .	ON	2007/03/24 12:20
L7	18	L6 same (liquid near5 metal) same (plug or slug)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/24 12:21
L8	76240	(frequency or power) near5 (spectrum or spectra)	US-PGPUB; USPAT	OR	ŌΝ	2007/03/24 12:21
L9	261	L8 same L2	US-PGPUB; USPAT	OR	ON	2007/03/24 12:21
L10	38	(vibrat\$9 or acceler\$8) same L9	US-PGPUB; USPAT	OR	ON	2007/03/24 12:22
L11	186	vibrat\$9 with slug	US-PGPUB; ↓USPAT	OR	ON	2007/03/24 12:22
L12	2768	vibrat\$9 with plug	US-PGPUB; USPAT	OR	ON	2007/03/24 12:23
L13	7	L12 same L8	US-PGPUB; USPAT	OR	ON	2007/03/24 12:23
L14	834348	vibration\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4	US-PGPUB; USPAT	OR ·	ON	2007/03/24 12:24
L15	478	L14 same (plug or slug) same nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/24 12:24

## **EAST Search History**

L16	169419	(flow near3 rate) or (spray near3 pattern)	FPRS; EPO; JPO; DERWENT;	OR	ON	2007/03/24 12:18
L17	657960	nozzle or spray or gun	IBM_TDB  FPRS;  EPO; JPO;  DERWENT;  IBM_TDB	OR	ON	2007/03/24 12:18
L18	7454	vibrat\$9 with 17	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:19
L19	175	18 same 16	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:20
L20	51	19 same (frequency or duty or cycle or waveform or wave)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:20
L21	873239	vibration\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:20
L22	6	21 same (liquid near5 metal) same (plug or slug)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:21
L23	18917	(frequency or power) near5 (spectrum or spectra)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:21
L24	75	23 same 17	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:22
L25	15	(vibrat\$9 or acceler\$8) same 24	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:22
L26	35	vibrat\$9 with slug	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:23

## **EAST Search History**

L27	1260	vibrat\$9 with plug	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:23
L28	1	27 same 23	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:24
L29	873239	vibration\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:24
L30	153	29 same (plug or slug) same nozzle	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/24 12:24

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